

Name Of Road :- KASAMA ROAD - BAGHAURA

Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	UIV	ROAD				
08/4/22	15:38:2	40	0.1	340	20.2	3200	3518	G	3.3	24.695363	84.693772	Normal
08/4/22	15:39:3	40	0.1	340	30.1	2900	3345	G	2.74	24.696384	84.695179	Normal
08/4/22	15:40:6	40	0.1	350	30.3	3100	3654	G	3.26	24.697456	84.69745	Normal
08/4/22	15:40:6	40	0.1	320	20.2	2600	3086	G	4.4	24.699173	84.697783	Normal
08/4/22	15:41:0	40	0.1	300	10.1	3400	3994	G	5.19	24.699576	84.69776	Normal
08/4/22	15:41:0	40	0.1	240	20.2	2500	2972	G	5.19	24.700076	84.698492	Normal
08/4/22	15:41:1	40	0.1	220	30.3	3500	3836	G	3.3	24.700319	84.699148	Normal
08/4/22	15:41:5	40	0.1	190	20.2	2200	2631	G	2.88	24.700868	84.699576	Normal
08/4/22	15:42:0	40	0.1	180	40.4	3100	3412	G	3.72	24.701469	84.699952	Normal
08/4/22	15:42:0	40	0.1	160	30.3	2700	3545	G	3.99	24.701991	84.700649	Normal
08/4/22	15:42:0	40	0.1	170	20.2	3000	3404	G	2.31	24.701505	84.702542	Normal
08/4/22	16:3:35	40	0.1	150	10.1	2910	3310	G	4.4	24.701656	84.703013	Normal
08/4/22	16:4:0	40	0.1	140	20.2	2800	3331	G	3.85	24.702867	84.702734	Speed Breaker
08/4/22	16:4:0	40	0.1	210	20.2	2800	3177	G	3.44	24.703309	84.702912	Speed Breaker
08/4/22	16:4:0	40	0.1	210	30.3	2300	2745	G	3.44	24.704039	84.703149	Normal
08/4/22	16:4:36	40	0.1	180	30.3	2700	3199	G	3.02	24.704112	84.703753	Normal
08/4/22	16:5:0	40	0.1	230	10.1	3100	3654	G	3.72	24.704703	84.704199	Normal
08/4/22	16:5:22	40	0.1	340	10.1	2600	3086	G	5.19	24.705092	84.703605	Speed Breaker
08/4/22	16:6:0	40	0.1	440	20.1	3000	3540	G	4.49	24.706016	84.703028	Speed Breaker
08/4/22	16:7:8	40	0.1	290	10.1	2700	3199	G	3.53	24.707225	84.702411	Normal
08/4/22	16:7:8	40	0.1	260	20.2	2400	2858	G	3.13	24.70821	84.702104	Normal
08/4/22	16:7:43	40	0.1	230	30.3	2400	2858	G	3.72	24.708752	84.701795	Normal
08/4/22	16:8:0	40	0.1	200	30.3	1900	2290	G	3.3	24.709053	84.701255	Normal
08/4/22	16:8:18	40	0.1	200	30.3	2200	2631	G	3.3	24.709379	84.700753	Normal
08/4/22	16:8:18	40	0.1	200	20.2	3000	3540	G	3.3	24.70995	84.700711	Normal
08/4/22	16:9:0	40	0.1	200	20.2	3300	3745	G	3.3	24.711661	84.701817	Normal

Total Length 2.6

Asim
9/4/2022
J.E

dy
9/4/22
A.E

1804
E.E

$$Y = 0 * X^2 + 1.136 * X + 132.5$$

$$X = 2781$$

$$Y = 3252$$

(R) RURAL ROAD
Good Average Poor
<4000 4001-5000 >5001

Score Analyzer

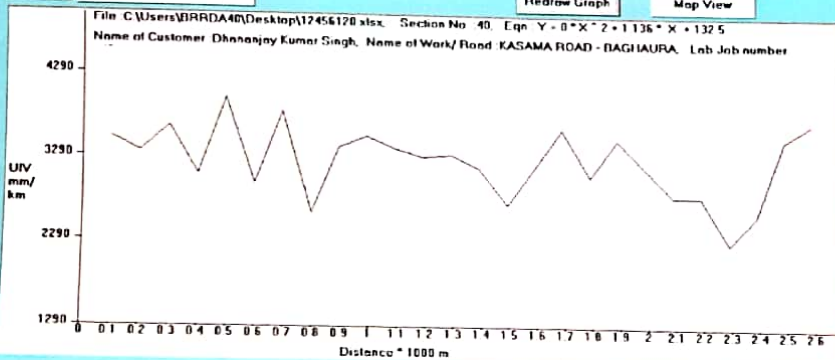
Name of Customer : Dharamraj Kumar Singh
 Name of Work/ Road : KASAMA ROAD - BAGHAURA
 Lab Job number : 40
 Date : 08/04/2022
 Section No : 40

Test Date : 08-04-2022 Road Name : KASAMA ROAD - BAGHAURA
 Machine No : 339 Road Type : (R) RURAL ROAD
 Start S No : 419 Side : Right Interval
 Start E No : 445
 Weather : Normal UV Range : 1290 To 5000 mm/km
 Start Location : 24695363.841 Dist Range : 0 To 2.01 * 1000 m
 End Location : 24711661.84 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print Generate Report and Graph

Redraw Graph

Map View



Asman
 9/4/2022
 J.E

dhruv
 9/4/22
 AB

As
 18/04/22

**REPORT ON
BITUMEN CONTENT TEST
FOR THE PROPOSED
C/O**

**KASMA ROAD TO BAGHAURA UNDER SCHEME
MR 3054
AGREEMENT NO - MBD/2019-20**

**SUBMITTED TO:
EXECUTIVE ENGINEER
RWD. WORKS DIVISION, DAUDNAGAR**

**AGENCY NAME :
DHANANJAY KUMAR SINGH
VILLAGE BAKAN AURANGABAD**

**TESTING BY :
*OM SAI TESTING AND RESEARCH
LABORATORY***

*2nd floor maheswari complex fraser road palae
PIN CODE 800001*

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Ref.....

BITUMEN CONTENT TEST OF SEMI-DENSE BITUMINOUS CONCRETE

Date.....

Name of Road : KASMA ROAD TO BAGHAURA UNDER SCHEME MR 3054

Type Of Material : SEMI-DENSE BITUMINOUS CONCRETE

DATE OF COLLECTION 2-Apr-22

DATE OF TESTING 6-Apr-22

SAMPLE NO.

A1 A2 A3

Chainage & Section:

S.NO.	Observations			
1	Wt. of Mix taken before extration	1	2	3
2	Wt. of filter paper before extration	500	500	500
3	Wt. of Mix after extration	6.00	5.98	6.00
4	Wt. of filter paper after extration	472.58	471.73	472.21
5	Wt. of filler collected from extract after allowing for seting	7.05	7.29	7.23
6	Wt. of filler collected in filter paper	1.24	1.28	1.270
7	Wt. of Aggregate + Filler collected after extration	1.05	1.31	1.23
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	474.87	474.32	474.7
		5.03	5.136	5.06
Layer	SEMI-DENSE BITUMINOUS CONCRETE	Value		
		Avg. Value	5.0733%	

Checked By
J.E.



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS FLAKINESS INDEX

Ref. NAME OF ROAD KASMA ROAD TO BAGHAURA UNDER SCHEME MR 3054

Date

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 05-04-22

Weight of Sample(gr) - 564 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	51	6.75	0
2	10	6.3	513	4.89	48
Total (gm)			W= 564		w= 48
			F.I.= 8.51		

ELONGATION INDEX

NAME OF ROAD KASMA ROAD TO BAGHAURA UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 05-04-22

Weight of Sample(gr) - 445 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	45	20.50	0
2	10	6.3	469	14.70	38
Total (gm)			W= 514		w= 38
			F.I.= 7.39		
F.I.+E.I.= 8.51+7.39			15.19		

Checked By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE (SDBC)

Ref. NAME OF ROAD KASMA ROAD TO BAGHAURA UNDER SCHEME MR 3054

Date

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

05-04-22

Weight of Sample - 3615 GM

I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Spec.Limits Vide Table 500.15 MORTH Specification
13.2mm	0	0	0	100	100
9.5mm	175	4.85	4.85	95.15	90-100
4.75mm	1758	48.62	53.47	46.53	35-51
2.36mm	479	13.25	66.72	33.28	24-39
1.18mm	437	12.1	78.82	21.18	15-30
0.300mm	292	8.08	86.9	13.1	9-19.
0.075mm	320	4.85	95.75	4.25	3-8.
In Pan	154	4.25	100		-

Checked By

Tested By



Milk

Kasma road to Baghine

Schedule XLV-Form No. 134

5/11-16

DIVISION

amhara submard, 21/11/2016

0187407112

SUB-DIVISION

amhara submard, 21/11/2016

MEASUREMENT BOOK

816

5/11-16

2nd and final Bill

14

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const/Repair of road from Kasma Road to Baghouza under MR 3054 scheme					
Agency - Sri Dhananjay Kumar Singh					
Agreement No - VDMBD/3054MR/2021-22					
Date of work order - 25-11-2021					
Date of completion 24-08-2022					
Record Measurement					

Date of Entry - 30/7/2022

Item No $\frac{1}{13}$ Plv Const. of

Subgrade and E/S

$$2 \times 4 \times 30.00 \times 1.25 \times 0.40 = 105.00 \text{ m}^3$$

$$2 \times 4 \times 30.00 \times 1.25 \times 0.30 = 90.00 \text{ m}^3$$

$$195.00 \text{ m}^3$$

Item No $\frac{2}{15}$ Plv reflective

Shoe traffic cone - 04 Nos

Item No $\frac{3}{16}$ Plv and fixing

retroreflectised

600mm triangle - 2 Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No $\frac{4}{17}$ Plv and fixing					
600mm circular					1 No
Item No $\frac{5}{18}$ Plv and fixing					
600mm x 450mm rectangular					2 Nos
Item No $\frac{6}{19}$ Plv Planting					
trees and their Maint.					
1x 55 Nos					55 Nos
1x 56 Nos					56 Nos
					111 Nos
Item No $\frac{7}{22}$ Plv Brick masonry					
in cm (1:3) in x x x					
10x2x6.00x0.40x0.60					28.80m ³
Item No $\frac{8}{23}$ Plv plastering					
in Brick masonry work					
10x4x6.00x0.60					144.00m ²
10x2x6.00x0.40					48.00m ²
10x4x0.40x0.60					9.60m ²
					201.60m ²
Item No $\frac{9}{24}$ Plv Painting					
two coats on New					
including Primer Coats as per IS					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10x4x 1.00 x 0.60 =					96.00 m ²
10x2x 1.00 x 6.00 =					180.00 m ²
10x1 x 0.40 x 0.60 =					9.60 m ²
					585.60 m ²
<u>Amount</u>	<u>Received</u>				
30/7/2022	30/7/2022				
J.E	A.E				

<u>Abstract of cost</u>					
① Plv clearing and grubbing of road land -					
1.08 Hect vide Page No ⑨					
@ Rs 49496 = 70/Hect - Rs 53456 = 10					
② Plv const of Scarifying					
of existing surface					
937.50 m ³ vide TMB Page ⑨					
@ Rs 15 = 40/m ³ - Rs 14438 = 10					
③ Plv const of subgrade					
and 1/5					
1810.35 m ³ vide TMB Page ⑨					
195.00 m ³ vide TMB Page ⑩					
2005.35 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ Rs 176 = 75/m ³ — Rs 353944 = 10					
(4) Plv const B C.S.B. Cm - J					
178.08 m ³ vide TMB Page (9)					
@ Rs 1793 = 78/m ³ — Rs 319436 = 10					
(5) Plv laying spreading and Compacting WBM 4r II					
142.03 m ³ vide TMB Page (9)					
@ Rs 3094 = 01/m ³ — Rs 439442 = 10					
(6) Plv laying spreading and Compacting WBM III					
212.66 m ³ vide TMB Page (10)					
@ Rs 2899 = 40/m ³ — Rs 616586 = 10					
(7) Plv and applying Primer Coat (SS-1)					
2835.47 m ³ vide TMB Page (10)					
@ Rs 40 = 97/m ² — Rs 116169 = 10					
(8) Plv and applying Tack Coat - (RS-1) -					
3060.47 m ² vide TMB Page (10)					
@ Rs 13 = 90/m ² — Rs 42541 = 10					
(9) Plv Laying and rolling of Close grade Premix					
3060.47 m ² vide TMB Page (10)					
@ Rs 172 = 74/m ² — Rs 528727 = 10					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/10) Plv and applying tack coat					
10219 = 67 m ² vide TMB Page (10)					
@ Rs 11 = 66/m ² — Rs 119861 = W					
(11/11) Plv and laying SDBC					
255.49 m ² vide TMB Page (10)					
@ Rs 73.19 = 74/m ² — Rs 1870120 = W					
(12/12) Plv and fixing kn stone					
4 Nos vide TMB Page (10)					
@ Rs 2070 = 85/each — Rs 8283 = W					
(13/13) Plv and fixing zoom stone					
11 Nos vide TMB Page (11)					
@ Rs 598 = 80/each — Rs 6587 = W					
(14/14) Plv and creating place identification					
1.92 m ² vide TMB Page (11)					
@ Rs 12938 = 74/m ² — Rs 24842 = W					
(15/15) Plv Provision red fluorescence traffic cone					
16 Nos vide TMB Page (11)					
4 Nos vide TMB Page (14)					
20 Nos					
@ Rs 1225 = 59/each — Rs 24512 = W					
(16/16) Plv and fixing boom triangle board					
13 Nos vide TMB Page (11)					
2 Nos vide TMB Page (14)					
15 Nos					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① 3722 = 90/each - Rs 55844 = 10					
(17/17) Plv and fixing 600mm Circular Board					
6 Nos vide TMB Page (11)					
1 Nos vide TMB Page (15)					
2 Nos					
② 3891 = 44/each - Rs 27240 = 10					
(18/18) Plv and fixing 600mm x 450mm rectangular					
8 Nos vide TMB Page (11)					
2 Nos vide TMB Page (15)					
10 Nos					
③ 375 = 62/each - Rs 37516 = 10					
(19/19) Plv Planting of trees by the road sides					
111 Nos vide TMB Page (15)					
④ 799 = 08/each - Rs 88698 = 10					
(20/20) Plv and applying hot thermoplastic					
540.10 m ² vide TMB Page (12)					
⑤ 735 = 40/m ² - Rs 397116 = 10					
(21/21) Plv and fixing 11 m x 6 m					
informatory and logo Board					
2 Nos vide TMB Page (12)					
⑥ 9106 = 07/each - Rs 18212 = 10					
(22/22) Plv Brick masonry work in parapet					

Continuation

Add 12% GST -	WB	64756620
Add 1% L. Less -	WB	5396420
	B	60,97,91520
Less Previous Payment -	WB	566254320
	B	43,537220
Amman	Receivable	
30/7/2022	18/8/2022	
J.E	AE	

Задача

पत्रांक 1502 अगु

दाउदनगर / दिनांक 10/09/2022

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर

सेवा में,

नोडल पदाधिकारी (MR 3054)
ग्रामीण कार्य विभाग
पटना, बिहार

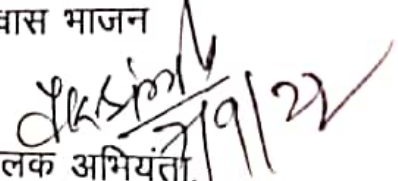
विषय :- नई अनुरक्षण नीति-2018 MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में सूचित करना है कि नई अनुरक्षण नीति-2018 MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के लिए संवेदक को भुगतान करने हेतु अधियाचना विहित प्रपत्र में भरकर आवश्यक कार्यवाही हेतु समर्पित की जाती है।

अनु :- यथोक्त।

विश्वास भाजन


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर
(1502)
08.09.22

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Daudnagar
Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)
 Name of Works Division:- Daudnagar

Sl no.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No & Date	Administrative		Agreement Amount		Agreement No & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in Lakh)	up-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (in km)	Amount (in Lakh)	Initial Rectification with Surface Renewal (in Lakh)	5 Year Routine Maintenance (in Lakh)										
1	RM/AU/DAU/19/0016	BHADWA ROAD - KOTWARA	NEA22000270	2164/06.07.2019	1.85	41.713	41.46503	15.36132	40MIBD/3054MR/2021-2022 27.11.2021	24.08.2022	08.04.2022	3455	25MM	5.089%	35.31586	35.31586	2.37179	Comp.
2	RM/AU/DAU/19/0016	KASAMA ROAD - BAGHAURA	NEA22000298	2164/06.07.2019	2.7	61.737	61.65157	22.83029	40MIBD/3054MR/2021-2022 27.11.2021	24.08.2022	08.04.2022	3252	25MM	5.073%	56.62543	56.62543	4.35372	Comp.
TOTAL																	6.72551	

44/9 7-8-22
 Sr Divisional Accounts Officer
 Rural Works Department, works
 Division, Daudnagar

2/8/22
 Executive Engineer
 Rural Works Department
 Works Division, Daudnagar

ग्रामीण कार्य विभाग,